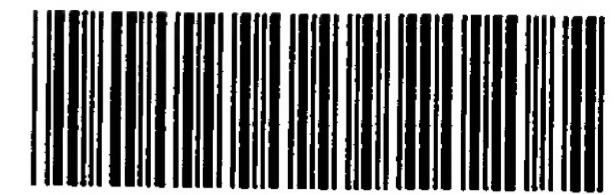


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1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/891,793A

DATE: 05/21/2003

TIME: 15:27:36

Input Set : A:\IBIS0002-100.SEQ2.txt
 Output Set: N:\CRF4\05212003\I891793A.raw

*See pages
6 and 7,*

3 <110> APPLICANT: Ecker, David J.
 4 Griffey, Richard H.
 5 Sampath, Rangarajan
 6 Hofstadler, Steven
 7 McNeil, John
 8 Crooke, Stanley T.
 10 <120> TITLE OF INVENTION: A Secondary Structure Defining Database And Methods For Determining

11 Identity And Geographic Origin Of An Unknown Bioagent Thereby
 13 <130> FILE REFERENCE: IBIS0002-100
 15 <140> CURRENT APPLICATION NUMBER: US/09/891,793A
 16 <141> CURRENT FILING DATE: 2001-06-26
 18 <160> NUMBER OF SEQ ID NOS: 7
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 30 <223> OTHER INFORMATION: N = A, U, G or C
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ENTERED

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RAW SEQUENCE LISTING
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Input Set : A:\IBIS0002-100.SEQ2.txt
Output Set: N:\CRF4\05212003\I891793A.raw

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/891,793A

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Input Set : A:\IBIS0002-100.SEQ2.txt
Output Set: N:\CRF4\05212003\I891793A.raw

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/891,793A

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Input Set : A:\IBIS0002-100.SEQ2.txt
Output Set: N:\CRF4\05212003\I891793A.raw

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/891,793A

DATE: 05/21/2003
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Input Set : A:\IBIS0002-100.SEQ2.txt
Output Set: N:\CRF4\05212003\I891793A.raw

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RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/09/891,793A

DATE: 05/21/2003
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Input Set : A:\IBIS0002-100.SEQ2.txt
 Output Set: N:\CRF4\05212003\I891793A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 20
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 Seq#:3; N Pos. 152,153,154,155,156,157,158,163,164,165,166,167,168,169,177
 Seq#:3; N Pos. 178,181,182,183,184,185,186,187,188,189,190,191,192,193,194
 Seq#:3; N Pos. 199,200,201,202,203,204,205,206,207,208,209,210,211,212,213
 Seq#:3; N Pos. 214,215,216,217,218,219,220,221,222,223,224,225,226,229,230
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 Seq#:3; N Pos. 303,304,306,307,309,316,320,328,333,337,359,360,366,369,370
 Seq#:3; N Pos. 371,378,379,381,384,385,390,391,392,396,398,399,407,408,409
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/21/2003
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Input Set : A:\IBIS0002-100.SEQ2.txt
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VERIFICATION SUMMARY

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Input Set : A:\IBIS0002-100.SEQ2.txt

Output Set: N:\CRF4\05212003\I891793A.raw

L:33 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0

M:341 Repeated in SeqNo=3

L:3337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0

M:341 Repeated in SeqNo=4